

OLIFF & BERRIDGE, PLC  
P.O. Box 19928  
Alexandria, Virginia 22320  
Telephone: (703) 836-6400  
Facsimile: (703) 836-2787



**PATENT APPLICATION**

Attorney Docket No.: 117386.99

**AMENDMENT TRANSMITTAL**

In re the Application of

Tsutomu SHIGA et al.

Application No.: 10/743,103

Filed: December 23, 2003

For: STARTER

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Transmitted herewith is an Amendment in the above-identified application.

- ☐ Entitlement to small entity status is hereby asserted.  
☐ Small entity status of this application has been established.

The filing fee has been calculated as shown below:

	(Column 1)	(Column 2)	(Column 3)	SMALL ENTITY			OTHER THAN A SMALL ENTITY	
	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADD'L FEE	OR	RATE	ADD'L FEE
TOTAL CLAIMS	21 MINUS	20	= 1	x 9	\$		x 18	\$ 18
INDEP CLAIMS	3 MINUS	3	= 0	x 43	\$		x 86	\$
<input type="checkbox"/> FIRST PRESENTATION OF MULTIPLE DEP. CLAIM				+ 145	\$	OR	+ 290	\$
					\$			\$ 18

- \* If the entry in Column 1 is less than the entry in Column 2, write "0" in Column 3.  
\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.  
\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.

The "Highest Number Previously Paid For" in this space (Total or Independent) is the highest number found from the equivalent box in Column 1 of a prior Amendment or the number of claims originally filed.

- ☒ Check No. 151916 in the amount of \$18 is attached. The Commissioner is hereby authorized to charge any other fees that may be required to complete this filing, or to credit any overpayment, to Deposit Account No. 15-0461. Two duplicate copies of this sheet are attached.

Respectfully submitted,

*James A. Oliff*

James A. Oliff  
Registration No. 27,075

Jacob A. Doughty  
Registration No. 46,671

JAO:JAD/ldg

Date: March 9, 2004



**PATENT APPLICATION**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Tsutomu SHIGA et al.

Application No.: 10/743,103

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Docket No.: 117386.99

For: STARTER

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Prior to examination on the merits, Applicants provide the following amendments and remarks. Please amend the above-identified application as follows:

**IN THE CLAIMS:**

Please add new claims 17-21 as follows:

17. A starter according to claim 1, wherein said reduction gear mechanism has a speed reduction ratio of 6.6:1 to 8.25:1.

18. A starter according to claim 1, wherein said reduction gear mechanism has a speed reduction ratio of 6.66:1 to 7.5:1.

19. A starter according to claim 15, wherein said module of said sun gear includes 0.8 and excludes 1.25.

20. A starter according to claim 19, wherein said dedendum diameter of said sun gear is from 5.2 mm to 8.4 mm.